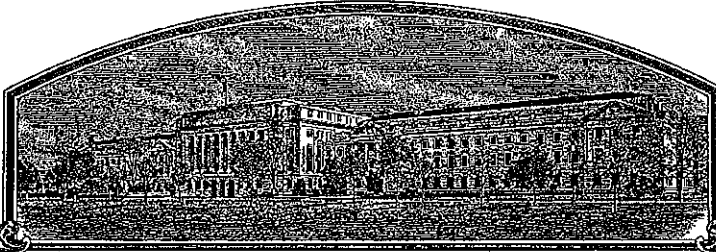


No.

200400048



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Abbott & Cobb, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC FURNISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PROPAGATING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED IN THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

MUSKMELON (F1)

'S3-3200-XLT'

In Testimony Whereof, I have herunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of December, in the year two thousand and five.

Attest:

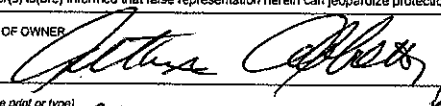
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture



REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved - OMB No. 0581-0055

<p align="center">U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE</p> <p align="center">APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE <i>(Instructions and information collection burden statement on reverse)</i></p>		<p>The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.</p> <p>Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).</p>	
1. NAME OF OWNER Abbott and Cobb, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME ACX-3200-PS-XLT	3. VARIETY NAME 53-3200-XLT
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) P.O. Box 307 Feasterville, PA 19053-0307		5. TELEPHONE (include area code) (215) 245-6666	FOR OFFICIAL USE ONLY PVPO NUMBER 2004 00 048
		6. FAX (include area code) (215) 245-9043	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation	8. IF INCORPORATED, GIVE STATE OF INCORPORATION PA	9. DATE OF INCORPORATION 01/02/1974	FILING DATE 12/17/2003
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) Arthur Abbott, President P.O. Box 307 Feasterville, PA 19053-0307			<p>FILING AND EXAMINATION FEES: \$3652.00 DATE 12/17/03 CERTIFICATION FEE: \$682.00 DATE 9/16/05</p>
11. TELEPHONE (include area code) (215) 245-6666	12. FAX (include area code) (215) 245-9043	13. E-MAIL summer.sweet.vegs @AOL.com	14. CROP KIND (Common Name) Cantaloupe
15. GENUS AND SPECIES NAME OF CROP Cucumis melo L.		16. FAMILY NAME (Botanical) Cucurbitaceae	17. IS THE VARIETY A FIRST GENERATION HYBRID? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)		19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act. <input type="checkbox"/> YES (If "yes", answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no", go to item 22) 20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED 21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED (If additional explanation is necessary, please use the space indicated on the reverse.)	
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)		23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)	
24. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.			
SIGNATURE OF OWNER 		SIGNATURE OF OWNER	
NAME (Please print or type) ARTHUR ABBOTT		NAME (Please print or type)	
CAPACITY OR TITLE President	DATE 4/15/03	CAPACITY OR TITLE	DATE

INSTRUCTIONS

2004 00 048

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfilled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291

Homepage: <http://www.ams.usda.gov/science/pvpo/pvp.htm>

ITEM

- 18a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
19. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
23. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).) *ADVP certificate # 200100196 was issued in the USA for the female parent PM24. ADVP Appl. No. 200300298 has been assigned for the male parent, SLA-N3, in the USA, on July 29, 2003.*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center-East, Beltsville, MD 20705. Telephone: (301) 504-8089. <http://www.ams.usda.gov/isg/seed.htm>

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

SI-470 (02-10-2003) designed by the Plant Variety Protection Office with Word 2000. Replaces former versions of SI-470, which are obsolete.



ABBOTT & COBB, INC.
P.O. BOX 307 • FEASTERVILLE, PA 19053-0307
(215) 245-6666 • FAX (215) 245-9043

2004 00 048

EXHIBIT A

ORIGIN AND BREEDING HISTORY OF ^{S3-3200-XLT}ACX-3200

^{S3-3200-XLT}
ACX-3200, is a personal size (PS), heterozygous Extended Shelf Life (XLT) first generation hybrid cantaloupe. It is characterized by an andromonoecious flowering habit, small and perfectly round fruits, and a quantitatively measured, extended post harvest shelf life. The parents of ^{S3-3200-XLT}ACX-3200 are ' PM-24 ' (female parent), and ' SLA-NS ' (male parent).

Breeding History of female Parent PM24

^{S3-3200-XLT}
PM24, the female parent of ^{S3-3200-XLT}ACX-3200, has been fully described in a Plant Variety protection Application No 200100196 . A PVP certificate was issued on April 29, 2003. PM24 is a western shipper inbred with the andromonoecious flowering habit. It is fully netted and has non-sutured round fruits with small, closed cavity. The fruits abscise when ripe.

Breeding History of Male Parent SLA-NS

^{S3-3200-XLT}
SLA-NS, the male parent of ^{S3-3200-XLT}ACX-3200, has been fully described in a Plant Variety Protection Application No 200300298, filed on July 29, 2003. SLA-NS is homozygous for the Extended Shelf Life character (XLT). It has small, round fruits that are fully netted, with small

"SERVING THE COMMERCIAL GROWER SINCE 1917"

Branches:
Bakersfield, CA (861) 322-1200
Brawley, CA (760) 344-4788

Caldwell, ID (208) 453-4990
McAllen, TX (956) 682-0174

Nogales, AZ (520) 281-1612
West Palm Beach, FL (561) 755-2588



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2004 00 048

closed cavity. The fruits are non-sutured and abscise only when overripe.

Extensive field trials , over four years period, in California, Texas, Georgia, Indiana, and Mexico, have consistently shown ~~ACX-3200~~ to be novel, uniform and stable F1 hybrid.

53-3200-XLT

JMS 10/28/04

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4



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2004 00 048

EXHIBIT A : SELECTION CRITERIA

JMS 10/28/04

The selection criteria used for the development of ^{53-3200-XLT}~~ACX-3200~~ were as follows:

- 1- A personal size melon, with Extended Shelf Life (XLT).
- 2- Small, round fruits, averaging around 1000 grams each.
- 3- Fully netted, non-sutured fruits.
- 4- Small, closed seed cavity.
- 5- A minimum Brix reading of 13 %.
- 6- Resistance to powdery mildew race1 and Fusarium wilt race 2.

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Nogales, AZ (520) 281-1612
West Palm Beach, FL (561) 795-2588

5

DRAFT Exhibit A Form

1. Describe the genealogy (back to and including public and commercial varieties, lines, or clones used) and the breeding method(s).
~~SB-3200-XLT~~
~~ACX-3200-PS-XLT~~ is an F₁ hybrid:
 Female parent, PM24 (PVP No 200100196)
 Male parent, SLA-NS (PVP App No 200300298)

2. Give the details of subsequent stages of selection and multiplication.

Year	Detail of Stage	Selection Criteria
1999	Hand cross first made	(see attached)
2000	limited hybrid seed increase +	trials
2001	multi-location trials	
2002	multi-location trials	
2003	limited hybrid increase + multi-location trials	

3a. Is the variety uniform? ☒ Yes ☐ No
 How did you test for uniformity? multi-location trials over 4 years period, 2000-2003 showed that ~~ACX-3200~~
~~SB-3200-XLT~~ is uniform.

3b. Is the variety stable? ☒ Yes ☐ No
 How did you test for stability? Over how many generations? The same hybrid cross was done in 1999, 2000, and 2003. Resulting hybrids were tested in multi locations over 4 years - in all trials and locations, ~~ACX-3200~~
~~SB-3200-XLT~~ proved to be stable.

4. Are genetic variants observed or expected during reproduction and multiplication? ☐ Yes ☒ No
 If yes, state how these variants may be identified, their type and frequency.
 NO variants have been observed in ~~ACX-3200~~
~~SB-3200-XLT~~

Continue on additional pages if necessary.



DRAFT Exhibit B Form

Based on overall morphology, ~~ACX-3200~~ ^{SS-3200-XLT} is most similar to TAMUVAIDE
Applicant's new variety Most similar comparison variety(ies)

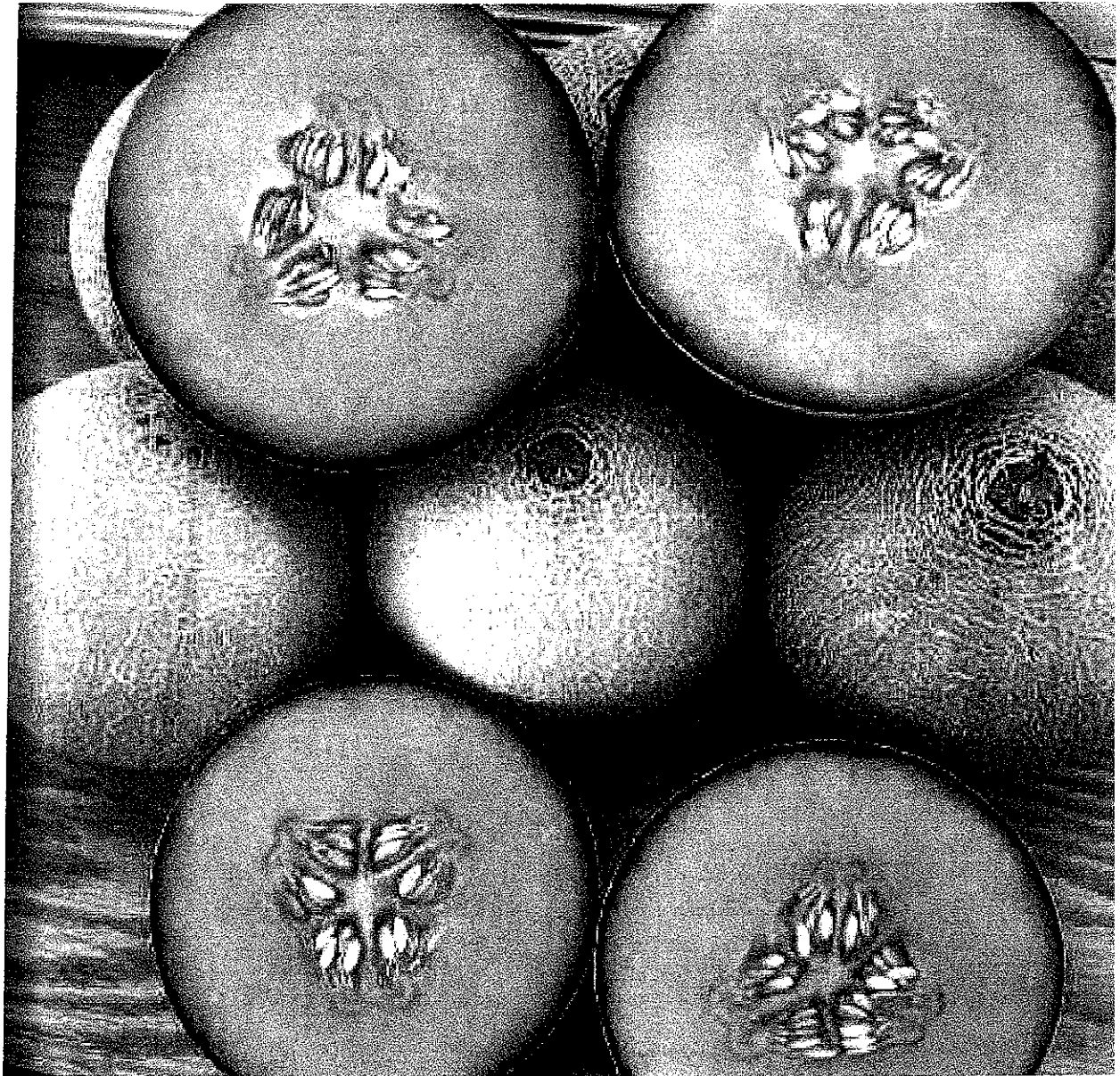
~~ACX-3200~~ ^{SS-3200-XLT}

~~ACX-3200~~ ^{SS-3200-XLT} most clearly differs from TAMUVAIDE in the following traits:
Applicant's new variety Most similar comparison variety(ies)

Name the specific trait, then list the value of that trait for each variety in the comparison. Attach appropriate supporting evidence (see the Guidelines for Presenting Evidence in Support of Variety Distinctness, available from the PVP Office or website).

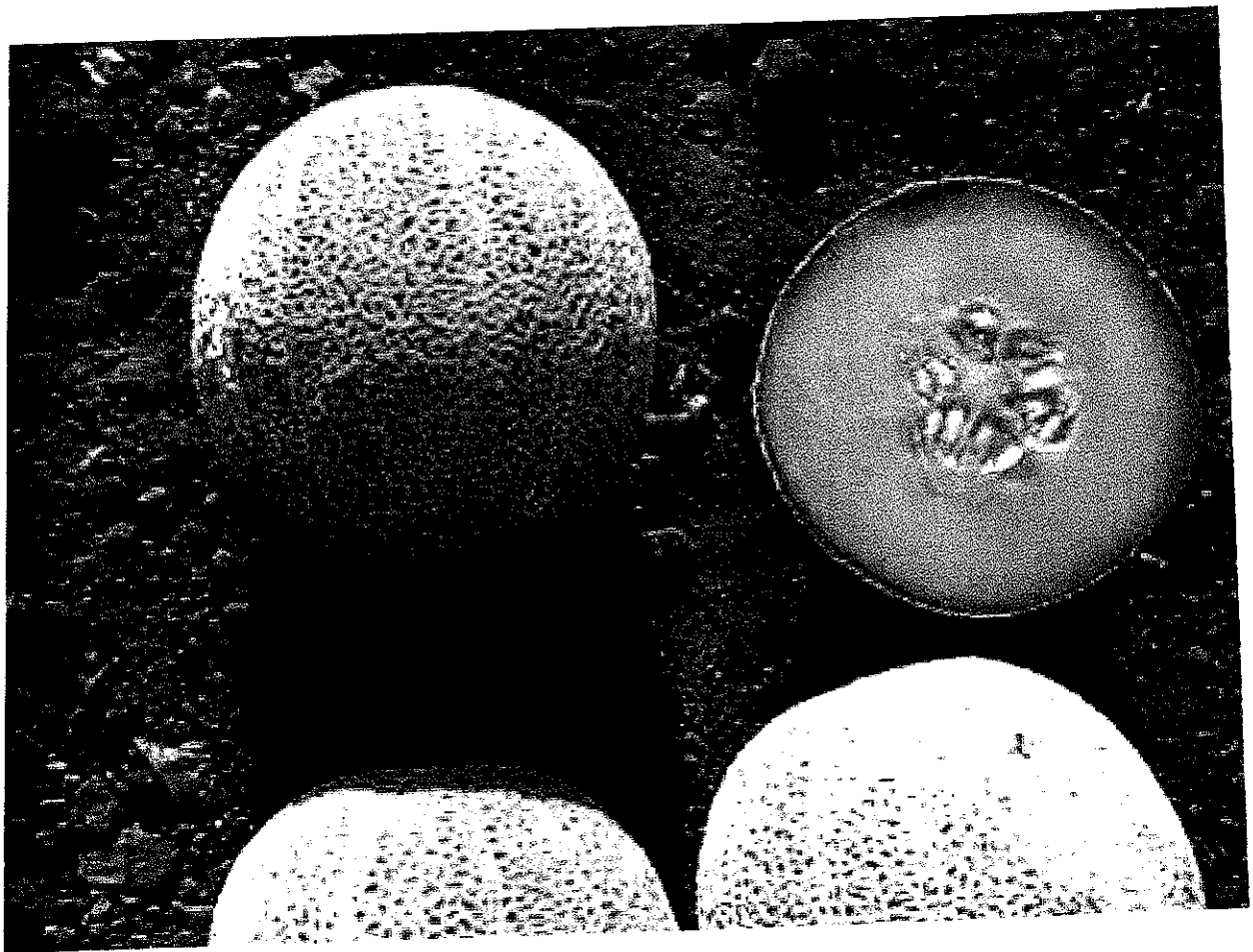
1. Qualitative traits: (Eg. Leaf Pubescence)	Applicant's New Variety <u>3200</u> heavy pubescence	1 st Comparison Variety <u>TVAIDE</u> glabrous	Evidence photograph attached
<u>Sutures on Fruits</u>	<u>NOT Sutured</u>	<u>HAS Sutures</u>	<u>see photo</u>
2. Color traits: (Eg. Leaf Color)	Dark-Green (5GY 3/4)	Light-Green (2.5GY 8/10)	Munsell Color Chart
<u>Seed coat color of seed inside the Fruits</u>	<u>white</u>  <u>2.5Y 8/4</u> <u>(F2 seed)</u>	<u>yellow</u> <u>2.5Y 7/6</u> 	<u>see sample</u>
3. Quantitative traits: (Eg. Plant Height)	200 cm +/- 10 cm (N=25)	250 cm +/- 15 cm (N=25)	statistics attached
4. Other:			

Use additional tables to present clear differences for additional comparison varieties. Use additional pages to present supporting evidence.



S3-3200-XLT-
non-sutured

200400048



TAMUvalde - slightly sutured

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved OMB NO 0581-0055

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

Exhibit C

OBJECTIVE DESCRIPTION OF VARIETY
Muskmelon (*Cucumis melo* L.)

NAME OF APPLICANT (S)

Abbott and Cobb, Inc.

ADDRESS (Street and No. or RD No., City, State, and Zip Code)

P.O. Box 307
Easterville, PA 19053

VARIETY NAME

S3-3200-XLT

TEMPORARY OR EXPERIMENTAL DESIGNATION

FOR OFFICIAL USE ONLY

200400048

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal characters typical of this variety in the boxes below.

Place a zero in the first box (e.g. 0 8 9 or 0 9) when number is either 99 or less or 9 or less.

1. TYPE:

5

1 = Persian 2 = Honey Dew 3 = Casaba 4 = Crenshaw 5 = Common or Summer
6 = Other

2. AREA OF BEST ADAPTATION IN U.S.A.:

4

1 = Southeast 2 = Northeast/North Central 3 = Southwest 4 = Most Areas

3. MATURITY: (From Seeding to Harvest)

0 8 4

Days

0 0

No. Days Earlier Than.....

4

1 = Fordhook Gem (Early)

2 = Delicious 51 (Midseason)

3 = Honey Dew (Late)

4 = Other (Specify) WS24

4. PLANT:

1

1 = Andromonoecious 2 = Monoecious 3 = Gynoecious 4 = Other

1

1 = Vine 2 = Semi-bush 3 = Bush

5. LEAF: (Mature Blade of Third Leaf)

2

Shape: 1 = Orbicular 2 = Ovate 3 = Reniform

1

1 = Not Lobed 2 = Shallowly Lobed 3 = Deeply Lobed

2

1 = Light Green (Honey Dew) 2 = Medium Green 3 = Dark Green (Rio Gold)

1 1 0

mm Length

1 5 3

mm Width

1

Surface: 1 = Pubescent 2 = Glabrous 3 = Scabrous

1	3

13

1	1	0	0
---	---	---	---

gm Weight

3

2

2



--	--	--

7

Sutures:

1

3

2

3

2

2

3

1

3.

04

Colors: Select two when necessary, i.e., Creamy Yellow

U8 = Bronze

0012

--	--	--	--

0	0	0	3
---	---	---	---

1	2	3	4
---	---	---	---

		02
--	--	----

--	--	--	--

		02
--	--	----

Colors: (Select two when necessary, i.e. Creamy Yellow

2	3
---	---

)

05

07 - Diele

05

05

05

15

1	2
---	---

0	2
---	---

Aroma: 1 = Absent 2 = Faint 3 = Strong

2004 00 048

Exhibit C (Muskm

10. FLESH (continued):

☐ 01

Flavor: 1 = Mild 2 = Somewhat Spicy 3 = Very Spicy

11. SEED CAVITY:

☐ 10

mm Length

☐ 45

mm Width

☐ 1

Shape in X-Section 1 = Circular 2 = Triangular

12. SEEDS:

☐ 465

No. per Fruit

☐ 26

gm per 1,000

13. DISEASE RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 0

Bacterial Wilt

☐ 0

Root Rot

☐ 2

Crown Blight

☐ 0

Melon Rust

☐ 2

Powdery Mildew - R1

☐ 0

Verticillium Wilt

☐ 2

Sulphur Burn

☐ 0

Scab

☐ 0

Watermelon Mosaic

☐ 0

Downy Mildew

☐ 2

Fusarium Wilt R2

☐ 0

Root Knot (Nematode)

☐ 0

Anthracnose

☐ 0

Cucumber Mosaic

☐ 0

Squash Mosaic

☐

Other _____

☐

Other _____

☐

Other _____

State Genus, Species, and Races when known, under item 16.

14. INSECT RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 1

Aphid

☐ 0

Pickle Worm

☐ 0

Darling Ground-Beetle

☐ 1

Banded Cucumber Beetle

☐ 1

Mite

☐ 1Western Spotted
Cucumber Beetle☐ 1

Melon Leafhopper

☐

Other (Specify) _____

☐ 0

Melon worm

☐ 1Western Striped
Cucumber Beetle☐ 1

Melon Leafminer

15. INDICATE A VARIETY THAT MOST CLOSELY RESEMBLES THAT SUBMITTED FOR THE FOLLOWING CHARACTERISTICS:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Days Maturity	WS24	Fruit Shape	TAMU valde
Plant Vigor	SLA-NS	Rind Color	ACX-9201
Plant Habit	SLA-NS	Flesh Aroma	ACX-9201
Fruit Netting	SLA-NS	Flesh Flavor	ACX-9201
Fruit Size	TAMU VALDE	Flesh Color	ACX-9201

16. ADDITIONAL INFORMATION AND COMMENTS:



ABBOTT & COBB, INC.
P.O. BOX 307 • FEASTERVILLE, PA 19053-0307
(215) 245-6666 • FAX (215) 245-9043

2004 00 048

S3-3200-XLT
EXHIBIT D : ~~ACX-3200-PS-XLT~~

JMS 10/25/04
Following items are included as part of Exhibit D:

- S3-3200-XLT*
- 1- A 3.5 inch diskette containing three digital images of ~~ACX-3200-PS-XLT~~, and one digital image of the cultivar "Tamuvalde" for comparison. All images are in Jpg format.
 - 2- One small packet of seed of Tamuvalde for seed coat color comparison.
 - 3- One packet of F2 seed ~~ACX-3200-PS-XLT~~ *S3-3200-XLT*

** These items are stored on the
right side of the file folder.*

*JMS
10/25/04*

"SERVING THE COMMERCIAL GROWER SINCE 1917"

Branches:
Bakersfield, CA (861) 322-1200
Brawley, CA (760) 344-4788

Caldwell, ID (208) 453-4990
McAllen, TX (956) 882-0174

Nogales, AZ (520) 281-1612
West Palm Beach, FL (561) 795-2588

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FORM APPROVED - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

**EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP**

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) Abbott and Cobb, Inc.	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME S3-3200-XLT
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) P.O. Box 307 Eastervill, PA 19053	5. TELEPHONE (Include area code) (215) 245-6666	6. FAX (Include area code) (215) 245-9043
	7. PVPO NUMBER 200400048	

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain. ☒ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country. ☒ YES ☐ NO

10. Is the applicant the original owner? ☒ YES ☐ NO If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☐ YES ☐ NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☐ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

Dr. Hasib S. Humaydan, a full time employee of Abbott and Cobb, Inc., is the breeder of "S3-3200-XLT". Most of the breeding and selection work was done near Davis, CA. Dr. Humaydan retains no claims of ownership of S3-3200-XLT. Abbott and Cobb, Inc. is the sole owner of S3-3200-XLT.

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

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